

**Listing of Claims**

1. (original) A method of operating a mobile terminal providing wireless communications, the method comprising:

receiving communications service from a first communications network providing service over a first coverage area;

while receiving communications service from the first communications network, receiving a first identity code from a second communications network providing service over a plurality of second coverage areas wherein a first one of the second coverage areas includes the first coverage area and wherein the first identity code from the second communications network identifies availability of service with the second communications network in the first one of the second coverage areas;

after loss of communications with the first communications network, receiving a second identity code from the second communications network; and

when the second identity code from the second communications network is different than the first identity code from the second communications network, performing a registration with the second communications network so that communications service can be received by the mobile terminal from the second communications network in a second one of the second coverage areas corresponding to the second identity code from the second communications network.

2. (original) The method according to Claim 1 wherein the following also is performed after loss of communications with the first communications network:

when the second identity code from the second communications network is the same as the first identity code from the second communications network, receiving communications service from the second communications network in the first of the second coverage areas without performing a registration with the second communications network.

3. (original) The method according to Claim 1 wherein the first communications network comprises a terrestrial communications network.

4. (original) The method according to Claim 3 wherein the first communications network comprises a cellular terrestrial communications network.

5. (original) The method according to Claim 1 wherein the second communications network comprises a satellite communications network.

6. (original) The method according to Claim 5 wherein service for each of the second coverage areas is indicated by a respective satellite antenna spot beam and wherein each respective satellite antenna spot beam is identified by a respective identity code.

7. (original) The method according to Claim 6 wherein performing a registration with the second communications network comprises transmitting a location update request message using a satellite antenna spot beam identified by the second identity code.

8. (original) The method according to Claim 1 wherein receiving communications service from the first communications network comprises:  
receiving a first identity code from the first communications network;  
after receiving the first identity code from the first communications network,  
receiving a second identity code from the first communications network; and  
when the first identity code from the first communications network and the second identity code from the first communications network are different transmitting a location update request to the first communications network.

9. (original) The method according to Claim 8 wherein when the first identity code from the first communications network and the second identity code from the first communications network are the same, communications service from the first

communications network is maintained without transmitting a location update request to the first communications network.

10. (original) The method according to Claim 8 wherein the first coverage area comprises a plurality of paging areas, wherein each paging area corresponds to a respective identity code from the first communications network.

11. (original) A mobile terminal providing wireless communications, the mobile terminal comprising:

a receiver that receives communications from a first communications network providing service over a first coverage area and a second communications network providing service over a plurality of second coverage areas wherein a first one of the second coverage areas includes the first coverage area, wherein while receiving communications service from the first communications network, the receiver receives a first identity code from the second communications network, wherein the first identity code from the second communications network identifies availability of service with the second communications network identifies availability of service with the second communications network in the first one of the second coverage areas, and wherein after loss of communications with the first communications network, the receiver receives a second identity code from the second communications network; and

a transmitter coupled to the receiver wherein when the second identity code from the second communications network is different than the first identity code from the second communications network, the transmitter performs a registration with the second communications network so that communications service can be received by the receiver from the second communications network in a second one of the second coverage areas corresponding to the second identity code from the second communications network.

12. (original) The mobile terminal according to Claim 11 wherein when the second identity code from the second communications network is the same as the first identity code from the second communications network, the receiver receives communications service from the second communications network in the first of the

second coverage areas without performing a registration with the second communications network.

13. (original) The mobile terminal according to Claim 11 wherein the first communications network comprises a terrestrial communications network.

14. (original) The mobile terminal according to Claim 13 wherein the first communications network comprises a cellular terrestrial communications network.

15. (original) The mobile terminal according to Claim 11 wherein the second communications network comprises a satellite communications network.

16. (original) The mobile terminal according to Claim 15 wherein service for each of the second coverage areas is provided by a respective satellite antenna spot beam and wherein each respective satellite antenna spot beam is identified by a respective identity code.

17. (original) The mobile terminal according to Claim 16 wherein performing a registration with the second communications network comprises transmitting a location update request message using a satellite antenna spot beam identified by the second identity code.

18. (original) The mobile terminal according to Claim 11 wherein the receiver receives a first identity code from the first communications network, wherein after receiving the first identity code from the first communications network, the receiver receives a second identity code from the first communications network, wherein the processor compares the first identity code from the first communications network and the second identity code from the first communications network, and wherein when the first identity code from the first communications network and the second identity code from the first communications network are different, the transmitter transmits a location update request to the first communications network.

19. (original) The mobile terminal according to Claim 18 wherein when the first identity code from the first communications network and the second identity code from the first communications network are the same, communications service from the first communications network is maintained without transmitting a location update request to the first communications network.
20. (original) The mobile terminal according to Claim 18 wherein the first coverage area comprises a plurality of paging areas, wherein each paging area corresponds to a respective identity code from the first communications network.

Claims 21-42. (canceled)